

CLAIMS

- Sub #2  
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1. A protective fabric substrate comprising:  
a plurality of warp yarns densely interwoven with a plurality of fill yarns;  
wherein a denier of the fill yarn is not equal to a denier of the warp yarn.
  - ~~2. The protective fabric substrate as claimed in claim 1 wherein the denier of the fill yarn is greater than the denier of the warp yarn.~~
  - ~~3. The protective fabric substrate as claimed in claim 2 wherein the denier of the fill yarn is at least 1.5 times greater than the denier of the warp yarn.~~
  - ~~4. The protective fabric substrate as claimed in claim 1 wherein at least some of the yarns are staple yarns.~~
  - ~~5. The protective fabric substrate as claimed in claim 1 further including a layer of epoxy resin applied to the substrate.~~
  6. A protective fabric substrate comprising:  
a plurality of warp yarns densely interwoven with a plurality of fill yarns;  
wherein a warp crimp is greater than a fill crimp; and  
wherein a denier of the fill yarn is greater than a denier of the warp yarn.
  - ~~7. The protective fabric substrate as claimed in claim 6 wherein the warp crimp is at least five times greater than the fill crimp.~~
  8. The protective fabric substrate as claimed in claim 6 wherein the fill yarn denier is at least 1.5 times greater than the warp yarn denier.
- Sub #3  
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- Sub #4  
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- Sub #5  
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- Sub #6  
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9. A protective fabric/substrate comprising:

a substrate including a plurality of warp yarns densely interwoven with a plurality of fill yarns; and

a layer of the epoxy resin applied to the substrate.

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